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CROSSLINKED ABSORBABLE NONWOVEN FABRIC

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Abstract

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1/1 DWPI(C) Derwent

AN - 1986-158093 [25]

XR - 1981-24542D

XA - C1986-067582

XP - N1986-117507

TI - Nonwoven absorption fabric - made of regenerated cellulose crosslinked with sodium salt of carboxymethyl-cellulose

PA - (ASAH) ASAHI CHEM IND CO LTD

DC - A11 A96 D22 F04 F07 P32

AB - JP61089364 A

The nonwoven fabric is made from filaments of regenerated cellulose which is crosslinked with sodium salt of carboxymethylcellulose and has a single fibre size of less than 7 denier. The fabric is substantially water insol. and shows distilled water absorption of 50-100 times and 1% salt water absorption of 20-40 times as much as its original weight.

- Nonwoven fabric consisting of regenerated cellulose fibre such as continuous cuprammonium rayon filament is treated with monochloroacetic acid or its salt in a mixed solvent consisting of 45-80 vol.% of isopropanol, 10-30 vol.% of methanol and 10-25 vol.% of water.
- ADVANTAGE - The nonwoven fabric has sufficient tensile strength and flexibility and high absorbing capacity and is useful as water retainer for growth of plants and sanitary materials such as underpad and sanitary napkin. (6pp Dwg.No.0/0)